

SBA Shipyard

Fish Sampling Event



SBA Shipyard Fish Sampling

- Sampling is being done to provide the Louisiana Dept. of Health (LDH) with additional data for determining if public health announcements (fish advisory) are necessary.
- Significant recreational area with camps near the site along the Mermentau River.
- A Sampling and Analysis Plan is being developed to document the scope of work and procedures for the sampling event, which will be shared with the U.S. EPA.
- The proposed scope of work and schedule for conducting the sampling event is still being developed.



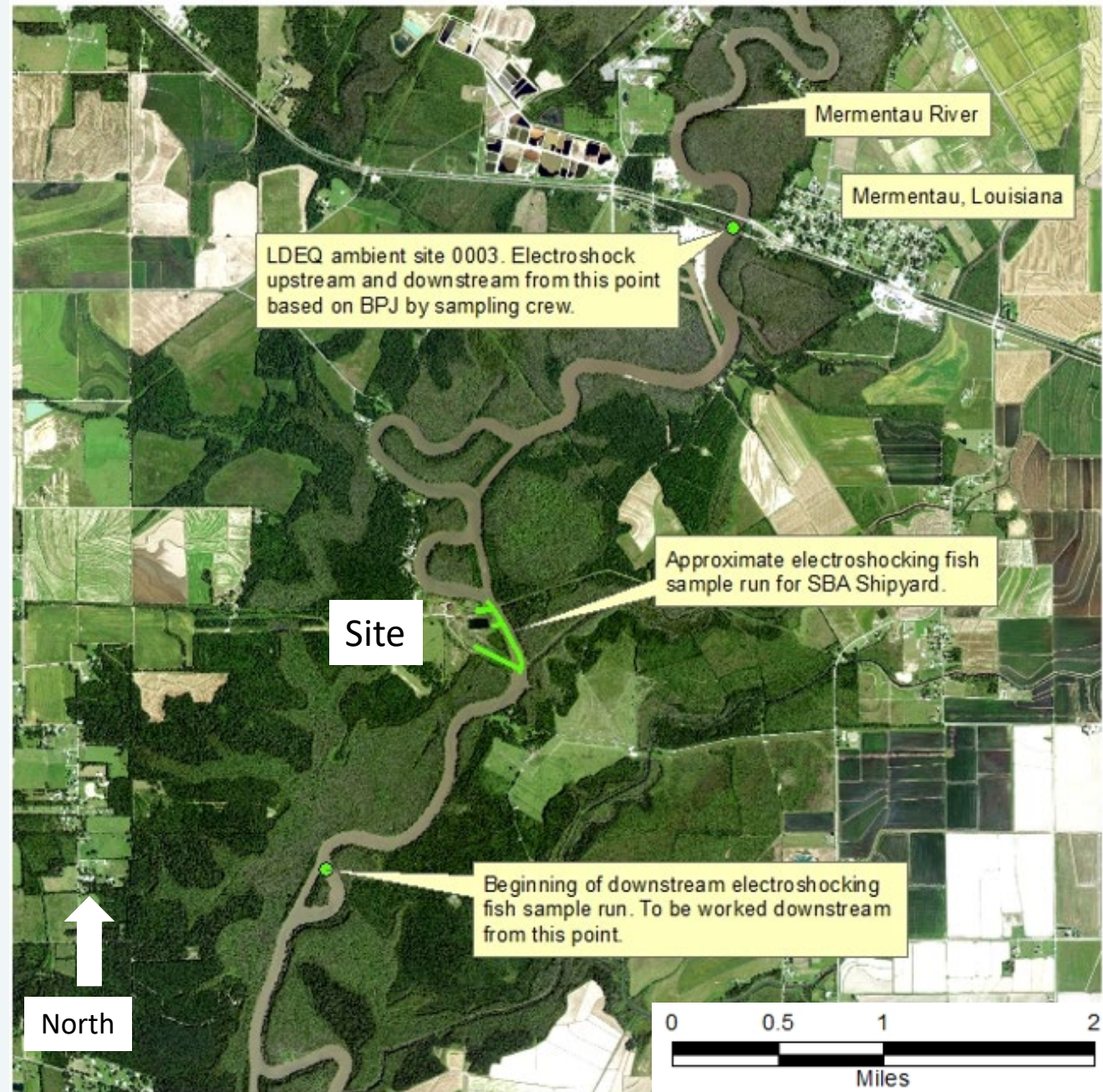
SBA Shipyard Fish Sampling

General Scope of Work

- Fish and crawfish will be sampled at three sites on the Mermentau River
 - Mermentau River upstream (Existing Site LDEQ Site 0003)
 - Mermentau River and accessible barge slips adjacent to the SBA shipyard (New LDEQ Site)
 - Mermentau River at first meander cutoff, approximately 1.75 miles downstream (New LDEQ Site)



SBA Shipyard Sampling Locations



SBA Shipyard Fish Sampling

General Scope of Work

- Fish sampling will be done predominately by electroshocking along the shoreline. Additional fish samples may be obtained through the use of traps.
- Crawfish samples will be collected by placing baited crawfish traps.
- Targeted species include largemouth bass, bowfin, channel or blue catfish, sunfish/crappie and crawfish. Other commonly consumed species for the area will be retained if they are caught.
- Planned sample count is five samples of each target species at each of the three sample sites.



SBA Shipyard Fish Sampling

General Scope of Work

- All fish tissue samples will be processed and temporarily stored in a freezer in the LDEQ laboratory in Port Allen, Louisiana.
- Crawfish processing techniques at the LDEQ laboratory will be determined following discussion with LDH, Section of Environmental Epidemiology and Toxicology (SEET) and the analytical laboratory (ALS).
- All samples will be shipped overnight to ALS Environmental laboratory in Kelso, Washington.
- Fish tissue and crawfish samples will be analyzed for total butyltins and polycyclic aromatic hydrocarbons (PAHs).



SBA Shipyard Fish Sampling

General Scope of Work

- LDEQ and LDH will evaluate fish tissue data to determine current risk, if any, to human health from consumption of fish obtained in the vicinity of the SBA Shipyard facility.
- If necessary, suitable public health announcements will be made by LDH based on the results of risk assessment.
- Sampling and risk evaluation results will be shared with the U.S. EPA.

